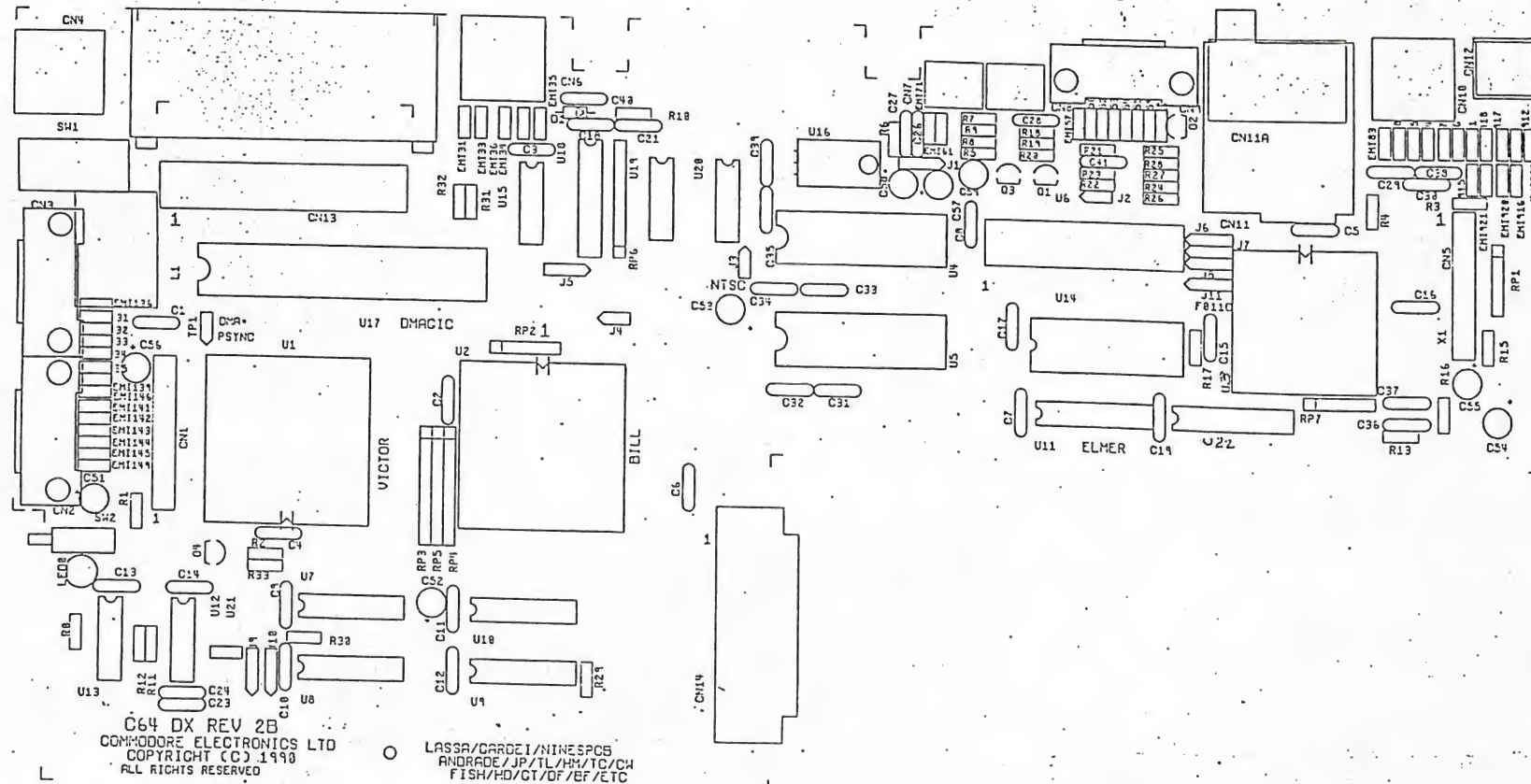


QTY. REQ. PER DASH # ITM										#	PART NO.	DESCRIPTION	REF DES / NOTES		
10	09	08	07	06	05	04	03	02	01						
						R	R	R	R	1	313366-01	SCHEMATIC			
						1	1	1	1	2	313368-01	ARTWORK			
						R	R	R	R	3	313367-01	PCB FABRICATION			
										4					
						1	1	1	1	5	390996-01	IC, 27C1001-12, 128K X 8 BIT ROM, 120ns	U6 PROGRAMMED INTO 390488-01		
						2	2	2	2	6	901502-01	IC, 4066, KEYBOARD CONTROL	U12, U13		
						4	4	4	4	7	390083-01	IC, 4464-10, 64k x 4 BIT DRAM, 100ns	U7-U10		
						1	1	1	1	8	901521-20	IC, 74LS125	U15		
						1	1	1	1	9	390551-01	IC, 7809, 9V REGULATOR	U16		
						1	1	1	1	10	390579-01	IC, 74ALS244	U18		
						1	1	1	1	11	390490-01	IC, C4510, CPU R4	U1		
						-	-	-	-	12	390489-01	IC, 4567, VIC3R5, NTSC	U2		
						1	1	1	-	13	390489-02	IC, 4567, VIC3R5, PAL	U2		
						2	2	2	2	12	318013-01	IC, 8580, SID	U4, U5		
						1	1	1	1	15	390548-01	IC, PAL 16L8B, ELMER1	U11 PROGRAMMED INTO 390071-02		
						1	1	1	1	16	251637-01	IC, 2016, 2k x 8 BIT SRAM, 150ns, DISK BUFF	U14		
						1	1	1	1	17	390957-01	IC, DMAGIC, GA 4151F018	U17		
						1	1	1	1	18	390491-01	IC, FDC, GA 4165F011	U3		
						1	1	1	1	19	390487-01	SIL DELAY LINE, 4 PIN, 15ns	U21		
						1	1	1	1	20	390989-01	IC, PAL, 16L8B, IGOR1	U22 PROGRAMMED INTO 390071-02		
										21					
						-	-	-	-	22	325566-14	OSCILLATOR, 28.6363 MHz NTSC	U19 SYSTEM CLOCK		
						1	1	1	-	23	252344-01	OSCILLATOR, 28.375 MHz PAL	U19 SYSTEM CLOCK		
						1	1	1	-	24	325566-34	OSCILLATOR, 17.7344 MHz PAL	U20 COLORBURST		
										25					
						1	1	1	1	26	902441-22	1kOHM, 5 X 6	RP1		
						1	1	1	1	27	902441-29	3.3kOHM, 5 X 6	RP2		
						4	4	4	4	28	390227-05	68 OHM, 5 X 10	RP3-RP6		
						1	1	1	1	29	902441-17	470 OHM, 5 X 6	RP7		
										30					
						3	3	3	3	31	901550-49	100 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R1, R2, R10		
						3	3	3	3	32	901550-07	100k OHM, 1/4W, 5%, CARBON FILM RESISTOR	R3, R4, R13		
						1	1	1	1	33	901550-20	10k OHM, 1/4W, 5%, CARBON FILM RESISTOR	R5		
						8	8	8	8	34	901550-01	1k OHM, 1/4W, 5%, CARBON FILM RESISTOR	R6, R7, R23-R25, R30-R33		
						2	2	2	2	35	901550-12	22K OHM, 1/4W, 5%, CARBON FILM RESISTO	R8, R9		
						2	2	2	2	36	901550-22	47k OHM, 1/4W, 5%, CARBON FILM RESISTOR	R11, R12		
						3	3	3	3	37	901550-58	470 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R15, R17		
						1	1	1	1	38	901550-53	2k OHM, 1/4W, 5%, CARBON FILM RESISTOR	R18		
						1	1	1	1	39	901550-23	2.7K OHM,1/4W, 5%,CARBON FILM RESISTOR	R19		
						1	1	1	1	40	901550-18	2.2K OHM, 1/4W, 5%, CARBON FILM RESISTOR	R20-R22		
						3	3	3	3	41	901550-45	75 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R26		
						1	1	1	1	42	901550-134	130 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R27		
						1	1	1	1	43	901550-14	330 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R28		
						2	2	2	2	44	901550-94	68 OHM, 1/4W, 5%, CARBON FILM RESISTOR	R29, R30		
										45					
						4	4	4	4	46	902693-01	2SC1815 TRANSISTOR	Q1-Q4		
										47					
						1	1	1	1	48	390017-01	1N914 DIODE	D1		
										49					
						1	1	1	1	50	900556-01	CRYSTAL, 8 MHz	X1		
Commodore											Title		Drawn by	Drawing #	REV
											PCB ASSEMBLY, C65		A. HETZEL	313365	A
													Sheet 2	of 4	

QTY. REQ. PER DASH#										ITM	PART NO.		DESCRIPTION	REF DES / NOTES	
10	09	08	07	06	05	04	03	02	01	#					
					20	20	20	20		51	390082-01	1uf,	AXIAL, CAPACITOR	C1-C6, C11-C19, C28-C30, C35, C40	
					5	5	5	5		52	900461-34	.33uf,	AXIAL, CAPACITOR	C7-C10, C39	
					1	1	1	1		53	900462-37	100pf,	AXIAL, CAPACITOR	C38	
					2	2	2	2		54	251078-45	1800pf,	AXIAL, CAPACITOR	C23, C24	
					2	2	2	2		55	900014-02	1000pf,	AXIAL, CAPACITOR	C26, C27	
					4	4	4	4		56	900014-05	470pf,	AXIAL, CAPACITOR	C31-C34	
					1	1	1	1		57	900462-29	47pf,	AXIAL, CAPACITOR	C36	
					1	1	1	1		58	900463-08	220pf,	AXIAL, CAPACITOR	C37	
					1	1	1	1		59	390082-02	.01uf,	AXIAL, CAPACITOR	C41	
										60					
					1	1	1	1		61	390101-02	100uf,	RADIAL, ELECTROLYTIC CAPACITOR	C51	
					3	3	3	3		62	390101-01	47uf,	RADIAL, ELECTROLYTIC CAPACITOR,	C52-C54	
					2	2	2	2		63	251894-38	47uf,	RADIAL, ELECTROLYTIC CAPACITOR,	C55, C56	
					3	3	3	3		64	390101-06	10uf,	RADIAL, ELECTROLYTIC CAPACITOR,	C57-C59	
										65					
					1	1	1	1		66	251878-02		LINE FILTER, 8 PIN	L1	
										67					
					1	1	1	1		68	252182-01		SW2P2T, POWER ROCKER	SW1	
					1	1	1	1		69	25/260-01		SW1SHOT, RESET PUSHBUTTON	SW2	
										70					
					44	44	44	44		71	251842-02		EMI FILTER, 3 PIN	EMI31,EMI33-EMI36,EMI52-EMI59,EMI61,EMI71,EMI81,EMI83-EMI88,	
										72				EMI139,EMI144-EMI146,EMI149,EMI915-EMI922,EMI131-EMI136	
										73					
					1	1	1	1		74	390492-01		CONN25ZIF, KEYBOARD	CN1	
					2	2	2	2		75	390242-01		CONN., D-SUB, 9 PIN MALE, JOYSTICK PORTS	CN2, CN3 RT ANGLE	
					1	1	1	1		76	359004-01		CONN4DIN, SYSTEM POWER	CN4	
					1	1	1	1		77	390534-01		CONN24FFC, TOP ENTRY, INTERNAL FLOPPY	CN5	
					1	1	1	1		78	252166-01		CONN6DIN, SERIAL BUS	CN6 RT ANGLE, SH	
					1	1	1	1		79	252122-01		RCA JACK, AUDIO, LEFT, WHITE	CN7	
					1	1	1	1		80	252122-02		RCA JACK, AUDIO, RIGHT, RED	CN8	
					1	1	1	1		81	390241-02		CONN., D-SUB, 9 PIN FEMALE, RGB VIDEO	CN9 RT ANGLE	
					1	1	1	1		82	252168-01		CONN8DIN, COMPOSITE VIDEO	CN10 RT ANGLE, SH	
					-	-	-	-		83	313371-01		MODULATOR, NTSC, RF VIDEO	CN11 UL (US/CN)	
					-	-	-	-		84	313371-02		MODULATOR, B PAL	CN11 VDE (GR)	
					-	-	-	-		85	313371-03		MODULATOR, I PAL	CN11 BSI (UK)	
					1	-	-	-		86	313371-04		MODULATOR, G PAL	CN11 SAA, (AL, SCAND.)	
					1	1	1	1		87	390218-03		CONN8bMINIDIN, EXTERNAL FLOPPY	CN12	
					1	1	1	1		88	251630-01		CONN50CARD, CARTRIDGE/EXPANSION	CN13	
					1	1	1	1		89	390502-01		CONNKEL60P, RAM EXPANSION, MALE	CN14	
										90					
					2	2	2	2		91	390185-01		SOCKET, 84 PIN PLCC, (VIC3, CPU)	FOR U1, U2	
					1	1	1	1		92	390185-02		SOCKET, 68 PIN PLCC, (FDC)	FOR U3	
					1	1	1	1		93	25/313-01		SOCKET, 48 PIN DIP, (DMAGIC)	FOR U17	
					1	1	1	1		94	904150-05		SOCKET, 28 PIN DIP, L/P, (SIDS)	FOR U4, U5	
					2	2	2	2		95	904150-08		SOCKET, 20 PIN DIP, .300 (ELMER, IGOR)	FOR U11, U22	
					3	3	3	3		96	904150-01		SOCKET, 14 PIN DIP, .300 (OSC)	FOR U15, U19, U20	
					1	1	1	1		97	904150-12		SOCKET, 32 PIN DIP, (ROM)	FOR U6	
										98					
					7	7	7	7		99	903326-03		JUMPER, SIL HEADER, .100, 1 x 3	J1: MONO AUDIO IN, J6-J11: CONFIGURATION	
					2	2	2	2		100	903326-02		JUMPER, SIL HEADER, .100, 1 x 2	J2: OLD PAL, J3: NTSC	
Commodore											Title		PCB ASSEMBLY, C65		
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REVISIONS				
LTR	ZONE	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



COMMODORE WCHST
C64 DX
C1-8-91) REV 2B
SILKSCREEN

commodore

TITLE:

C65 PCB ASSY.

DRAWN BY: APH	DATE 1/14/91	ENGR:	SIZE B	DRAWING NUMBER 313365
CHKD:		APPR:		SHEET 4 OF 4